

# e-CMR

οι οδικές μεταφορές  
στην ψηφιακή εποχή

going digital  
in road transport



[www.ofae.gr](http://www.ofae.gr)

## National Pilot Project Greece

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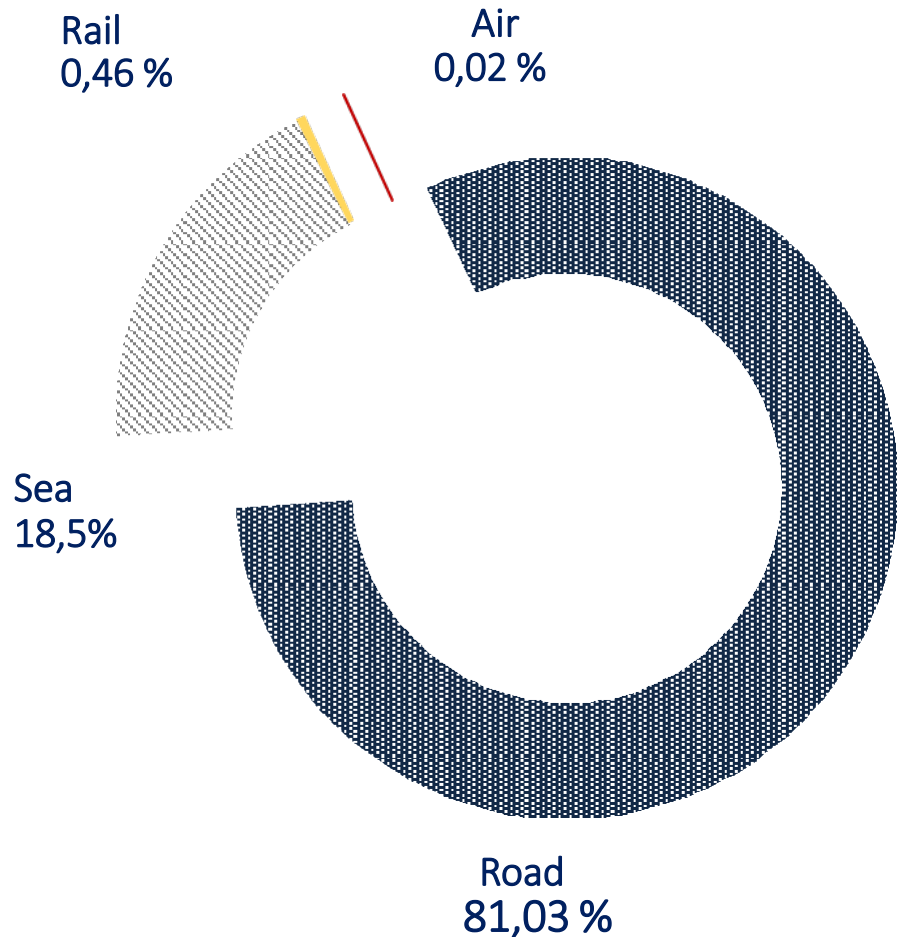


## About OFAE

- ✓ Non-profit Organisation
- ✓ Based in Athens, Greece
- ✓ Established in 1936
- ✓ IRU active member since 1954
- ✓ TIR national guaranteeing association
- ✓ Agreement with national customs authorities
- ✓ Vocational Training for transport operators and drivers since 1992
- ✓ Representing more than 6.500 Greek transport operators



# The Greek Freight transport market



## National Fleet

1,3 million own account vehicles  
Aged and light vehicles

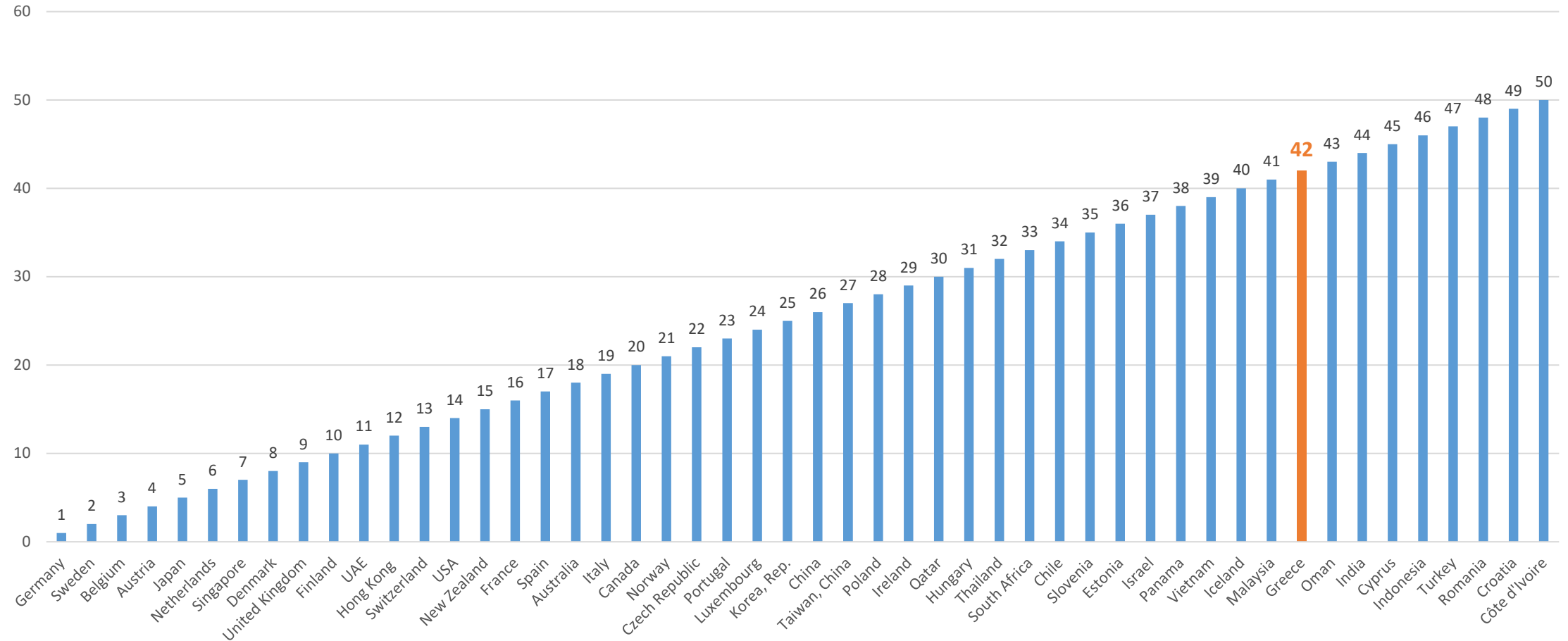
37K hire & reward vehicles  
Fragmented market

### Why choosing road?

- Small distances between the major cities
- Geomorphology of the country
- Flexibility & Reliability
- «door to door» delivery

# Logistics Performance Indicator (LPI)

## LPI 2018



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The market is changing...

...our role is changing



Innovation is a one-way forward

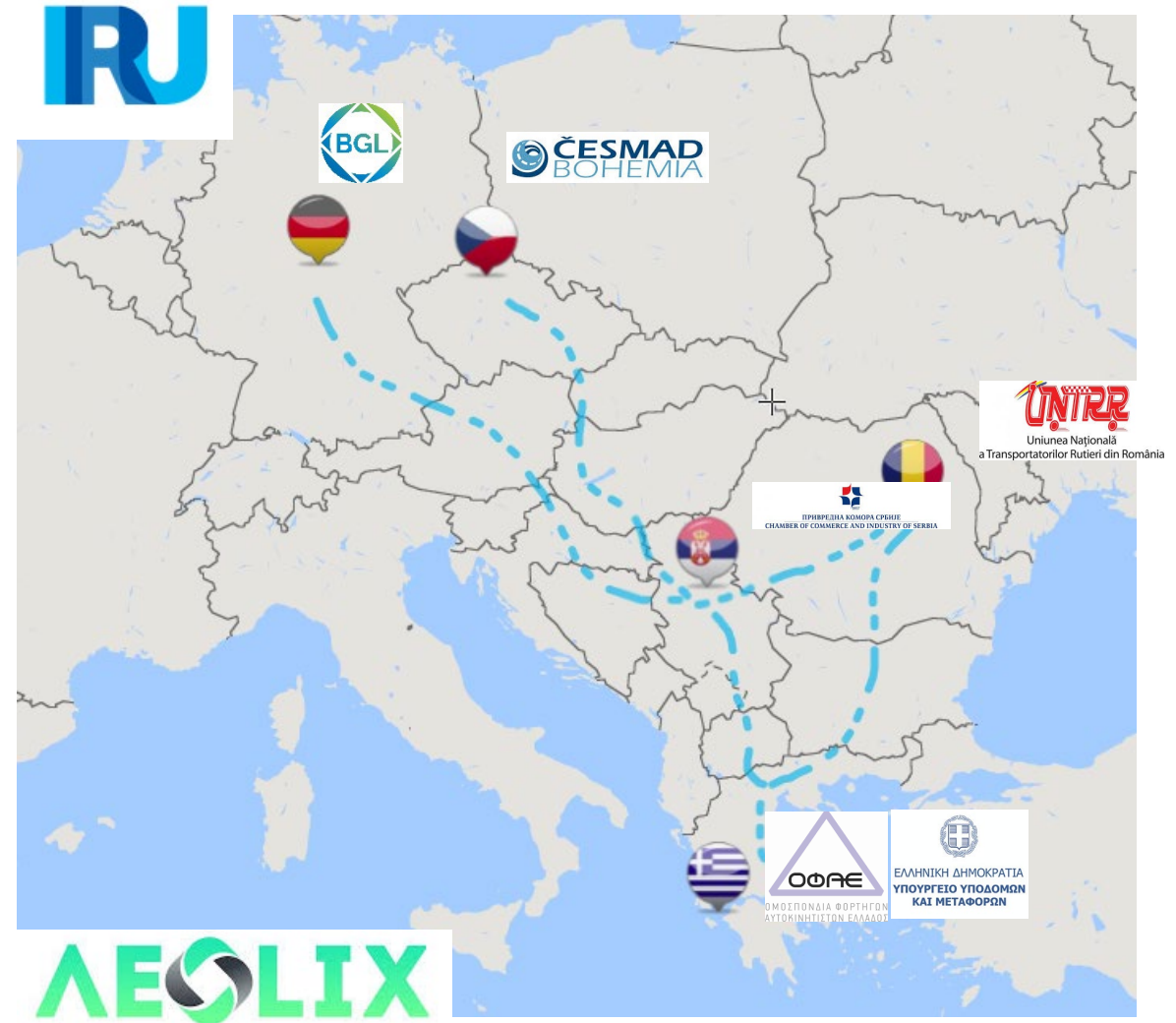
# e-CMR pilots in Europe in the framework of AEOLIX

## Geographical coverage

**2017** - launch of the national pilot in Greece  
IRU – OFAE under the auspices of the Hellenic MoT

**2018** – joined the EU funded project AEOLIX

**2019** – Completed the e-CMR tests in Greece



# The team

Romania



Uniunea Națională  
a Transportatorilor Rutieri din România

Serbia



ПРИВРЕДНА КОМОРА СРБИЈЕ  
CHAMBER OF COMMERCE AND INDUSTRY OF SERBIA

Germany



Czech Republic



Greece



ΟΜΟΣΠΟΝΔΙΑ ΦΟΡΤΗΓΩΝ  
ΑΥΤΟΚΙΝΗΤΙΣΤΩΝ ΕΛΛΑΔΟΣ



Unilever



DELHAIZE GROUP



The Way of Logistics



LOGISTIK • INNOVATION • TRANSPORT



← Consignor

← Consignee

← Carrier

← Consignee

← Carrier



# Pilot Targets

## 1 - Business Administration

- ❑ Increased overall logistics efficiency => increased economic competitiveness of countries & parties involved
- ❑ Financials
  - Faster administration (reduced data entry, no paper handling, no paper archiving, etc)
  - Faster invoicing
  - Reduction of delivery and reception discrepancies
- ❑ Transparency and traceability
  - Data accuracy
  - Control and monitoring of the shipment
  - Real-time access to the information & proof of pick-up and delivery





# Pilot Targets

## 2 - Enforcement

- ❑ Increased supply chain operations' transparency
- ❑ Integration with customs declaration services
- ❑ Integration with other services, e.g. transport & fleet management services
- ❑ Increased road safety
  - e.g. by linking e-CMR to e-Call (automated emergency call for trucks)
- ❑ Reduce time of road checks
- ❑ Eliminate illegal cabotage operations



# Pilot Targets

## 3 - Sustainability

### Environmental benefits:

- ✓ Paperless logistics
- ✓ Reduce the use of paper (each CMR consists of 3 copies)

\*Facts and figures: **135 tones of wood** are being used for the production of freight documents



# Methodology

## Methodology:

Questionnaires to all stakeholders (consignor, consignee, transport operators, drivers)  
3-phase surveys (before/during/after the testing period)

Training on site and/or remotely

14 managers

48 truck drivers

Supporting training material (application user manual)

Live tests

80 cross border transport operations (imports from Spain to Greece)

55 national transport operations



# Pilot Results

Number of e-CMR tests per county



135



80



60



~20



80

# Pilot Results

## Quantitative findings

**-83%** in average time spent during the issuance of a consignment note  
2 min/eCMR vs 12 minutes/CMR

**-89%** in average time spent during the consignment note signature process  
0.85 min/e-CMR vs 9 min/CMR

**-87%** in average time spent overall during administrative work/document handling  
1.8 min/e-CMR vs 14 min/CMR

**-95%** in average driver's waiting time  
0.48 min/e-CMR vs 15 min/CMR

 time is money... reduction of administrative costs

# Pilot Results

## Qualitative findings

Improved traceability during transport operations

Real time exchange of information – ability to attach files, photos, comments

Increased level of services and customer satisfaction

User friendly platform

Faster invoicing/ improved cash flow

Access to real time information by all stakeholders during the whole time of the transport operation



# Main challenges reported

Lack of legal framework

Geographical expansion for international transport

Application interoperability

Enforcement in the EU

Data ownership / protection

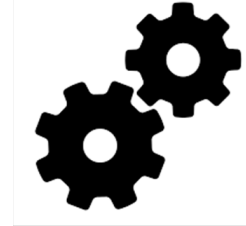
Network availability

## Legal and regulatory



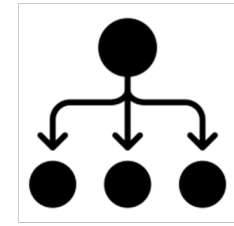
43.2%

## Technical and technological



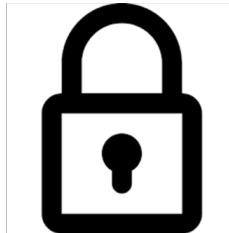
30.7%

## Procedural and organizational



32.6%

## Security



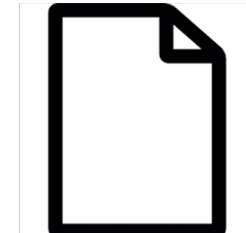
30.7%

## Interest of stakeholders



25.9%

## Paper-based operations



28.8%

# Pilot Conclusions

All participants in the national pilot were satisfied and claimed ready to adopt the digital consignment note. Acceleration of the legal procedures needs to be achieved.





# Going digital in road transport... is a one-way forward!



INTERNATIONAL CONSIGNMENT NOTE		CMR	Carrier Code			
1 Sender (name, address, country) <b>Procter and Gamble - Rakona s.r.o.</b> Ottava 402 26932 Rakovník CZE		Notwithstanding any clause to the contrary, this carriage is subject to the Convention on the contract for the international carriage of goods by road (CMR) CZ00000005835TFL				
2 Consignee (name, address, country) <b>P&amp;G/International Operations SA</b> 47Route de Salm/GeorgesPeltLancy1 1213 Geneva CHE		16 Carrier (name, address, country) <b>ANEXIA s.r.o. ICO 45148996</b> Lubenska 1588 06C CZ45148996 26901 Rakovník CZE  3GL9514 25Y2345 (truck)				
3 Place designated for the delivery of goods (place, country) - <b>ALTFIELD DDC PGIO, MAX BRAUN STR. 12</b> 97828 ALTFIELD DEU		17 Successive carriers (name, address, country)				
4 Place and date of taking over the goods (country, date) - <b>Rakovnik</b> CZE		18 Carrier's reservations and observations				
8 Documents attached						
Name	File	Type	Sealed			
Dooda	29589120.pdf	GENERAL	No			
1 Name	7 Number of Packages	8 Nature of Goods	10 Interest/ Marked of Marked	11 Weight/ 13 Volume	Commodity Value	8877 Code/ 8888 Code
Průpravy k úpravě portu tučší	55 paleta (PK)	38099100	-/-	24,658kg	-	-
Praci prostredky a cisti prostredky 34032090		53CHEP 2EUR				
13 Sender's instructions seal: AAG47273 del 6267363955		16 Special agreements		19 To be paid by: 19.1 Freight charges 19.2 Access 19.3 Local charges 19.4 Other		
14 Instructions as to payment for carriage		18 Net/weight		19.5		
21 Issued in Rakovnik (CZE)		Notified on 2019-01-31		19 Net/weight 0,00		

22 Signature and stamp of the sender	23 Signature and stamp of the carrier	24 Signature and stamp of the consignee
 By: Hajnova tptf.demoprocter@consignor@gmail.com Date/Time: 2019-01-31 09:20:15 GMT+01:00 Location: 50.098411,13.711189 (lat,lng) Signature: [Handwritten Signature]	 By: Testovaci Date/Time: 2019-01-31 16:16:43 GMT+01:00 Location: 49.829744,9.542529 (lat,lng) By: koleckar Date/Time: 2019-01-31 09:20:14 GMT+01:00 Location: 50.098411,13.711189 (lat,lng)	 By: khaled_ghoweb@hotmail.com Date/Time: 2019-01-31 16:16:43 GMT+01:00 Location: 49.829744,9.542529 (lat,lng) Signature: [Handwritten Signature: F. Hales]

Note: the information below is not part of the consignment note. No rights can be derived from the information hereafter.

ABOUT THIS FREIGHT DOCUMENT	REFERENCES
Consignment note submitted by: procter demo Status: DELIVERED Arrival at the consignor: 2019-01-31 16:14:23 GMT+01:00 Departure from the consignor: 2019-01-31 09:20:14 GMT+01:00 Arrival at the consignee: 2019-01-31 16:14:40 GMT+01:00 Departure from the consignee: 2019-01-31 16:14:41 GMT+01:00 Mileage at departure: - Mileage at arrival: - Distance driven: -	ORDER NUMBER: ALTive29589120

name: , file: 29589120.pdf, type: GENERAL  
This document is not an image and cannot be rendered.

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**Thank you!**

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